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Digital tank contents indicator DTA 10

- **For fuel oil EL, L, diesel fuel, biodiesel, water and other media with a density from 0.5 to 1.5 g/cm³**
- **Universal application in tanks of a height of up to 4 m**
- **Push-to-Read function: Fast start with just a push of a button**

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Application

Location-independent level measurement with digital display and minimum level signal (reserve level alarm) with a single measurement. Suitable for tanks up to 400 cm liquid level. For fuel oil EL, L or diesel fuel, FAME 100 % as biodiesel (EN 14214) and water (no drinking water!). In addition, DTA 10 can be used for level measurement with all non-corrosive liquids with a density from 0.5 to 1.5 g/cm³. Remote measurements up to 15 m.

Description

The electro-pneumatic tank contents indicator DTA 10 consists of a battery-operated control unit with digital display and a measuring line. Measured values are displayed in litres, % and liquid level (cm). Simple operation and setup via three function keys. Measurements are requested by means of pressing the control key (Push-to-Read function). If the level falls below a minimum level that is freely adjustable as a percentage, the backlight of the display flashes red to indicate an alarm during the measurement. Standard tank shapes (linear, spherical, cylindrical and horizontal) are stored. Measuring line connection for hose with 4 mm inside diameter.

Technical data

Functions
Push-to-Read level measurement

Measuring range (tank height)
0/400 cm (fuel oil)
0/350 cm (water)

Measuring accuracy
±3.0 cm

Operating temperature range
Ambient: 0/50 °C
Storage: -20/+65 °C
Medium: 0/50 °C

Display
Multi-coloured, backlit
graphical display (30 x 50 mm):
- Blue = Operation
- Red = Alarm
- Green = Setup

Indication of litres (5 digits),
% or liquid level in cm

Measuring line
PVC hose 4 x 1 mm
Length 20 m
Balance chamber stainless steel

Supply voltage
9 V monobloc battery

Visual alarm
Backlight flashes red
during measurement process

Housing
Wall mounting housing made of impact-resistant plastic (ABS)

W x H x D: 100 x 188 x 65 mm

Degree of protection: IP 20 (EN 60529)

Scope of delivery
- Control unit
- 9 V monobloc battery
- 20 m measuring line with balance chamber
- Connection kit for G½, G1, G1½ and G2
- 25 x nail cable clips, 2 x hose clamps
- Hose adapter (4 mm)
- Mounting accessories

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DG: M, PG: 4	Part no.	**Price €**
DTA 10 with Pneumofix	**52145**	
DTA 10 without Pneumofix	**52155**	

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